

# Perry Barrett

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8906371/publications.pdf>

Version: 2024-02-01

31  
papers

2,031  
citations

304743  
22  
h-index

434195  
31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin receptors: Localization, molecular pharmacology and physiological significance. <i>Neurochemistry International</i> , 1994, 24, 101-146.	3.8	582
2	Hypothalamic Thyroid Hormone Catabolism Acts as a Gatekeeper for the Seasonal Control of Body Weight and Reproduction. <i>Endocrinology</i> , 2007, 148, 3608-3617.	2.8	239
3	Molecular pathways involved in seasonal body weight and reproductive responses governed by melatonin. <i>Journal of Pineal Research</i> , 2012, 52, 376-388.	7.4	117
4	Digging deep â€“ structureâ€“function relationships in the melatonin receptor family. <i>Journal of Pineal Research</i> , 2003, 35, 221-230.	7.4	100
5	Photoperiodic regulation of cellular retinoic acid-binding protein 1, GPR50 and nestin in tanycytes of the third ventricle ependymal layer of the Siberian hamster. <i>Journal of Endocrinology</i> , 2006, 191, 687-698.	2.6	99
6	Photoperiodic Regulation of Hypothalamic Retinoid Signaling: Association of Retinoid X Receptor $\beta$ with Body Weight. <i>Endocrinology</i> , 2004, 145, 13-20.	2.8	86
7	Photoperiodic Regulation of Histamine H3 Receptor and VGF Messenger Ribonucleic Acid in the Arcuate Nucleus of the Siberian Hamster. <i>Endocrinology</i> , 2005, 146, 1930-1939.	2.8	79
8	Photoperiod and acute energy deficits interact on components of the thyroid hormone system in hypothalamic tanycytes of the Siberian hamster. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R1307-R1315.	1.8	60
9	Preclinical models for obesity research. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 1245-1255.	2.4	58
10	RAPID COMMUNICATION oPer1 is an Early Response Gene Under Photoperiodic Regulation in the Ovine Pars Tuberalis. <i>Journal of Neuroendocrinology</i> , 1998, 10, 319-323.	2.6	56
11	Hypothalamic Ventricular Ependymal Thyroid Hormone Deiodinases Are an Important Element of Circannual Timing in the Siberian Hamster ( <i>Phodopus sungorus</i> ). <i>PLoS ONE</i> , 2013, 8, e62003.	2.5	51
12	The Ovine Melatoninâ€“Related Receptor: Cloning and Preliminary Distribution and Binding Studies. <i>Journal of Neuroendocrinology</i> , 1998, 10, 651-661.	2.6	46
13	A unifying hypothesis for control of body weight and reproduction in seasonally breeding mammals. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12680.	2.6	42
14	Melatonin Receptors Couple Through a Cholera Toxin-Sensitive Mechanism to Inhibit Cyclic AMP in the Ovine Pituitary. <i>Journal of Neuroendocrinology</i> , 1995, 7, 361-369.	2.6	37
15	Identification of Mel <sub>1a</sub> melatonin receptors in the human embryonic kidney cell line HEK293: evidence of G proteinâ€“coupled melatonin receptors which do not mediate the inhibition of stimulated cyclic AMP levels. <i>FEBS Letters</i> , 1997, 407, 121-126.	2.8	34
16	Photoperiodic expression of two RALDH enzymes and the regulation of cell proliferation by retinoic acid in the rat hypothalamus. <i>Journal of Neurochemistry</i> , 2012, 122, 789-799.	3.9	33
17	Antibody-Mediated Inhibition of the FGFR1c Isoform Induces a Catabolic Lean State in Siberian Hamsters. <i>Current Biology</i> , 2015, 25, 2997-3003.	3.9	31
18	Orchestration of gene expression across the seasons: Hypothalamic gene expression in natural photoperiod throughout the year in the Siberian hamster. <i>Scientific Reports</i> , 2016, 6, 29689.	3.3	31

#	ARTICLE	IF	CITATIONS
19	Dual signal transduction pathways activated by TSH receptors in rat primary tanycyte cultures. <i>Journal of Molecular Endocrinology</i> , 2015, 54, 241-250.	2.5	30
20	Photoperiod Regulates Growth, Puberty and Hypothalamic Neuropeptide and Receptor Gene Expression in Female Siberian Hamsters. <i>Endocrinology</i> , 2000, 141, 4349-4356.	2.8	29
21	CART Gene Promoter Transcription Is Regulated by a Cyclic Adenosine Monophosphate Response Element. <i>Obesity</i> , 2002, 10, 1291-1298.	4.0	27
22	Vagal Blocking for Obesity Control: a Possible Mechanism-Of-Action. <i>Obesity Surgery</i> , 2017, 27, 177-185.	2.1	26
23	A Novel Interaction Between Inhibitory Melatonin Receptors and Protein Kinase C-Dependent Signal Transduction in Ovine Pars Tuberalis Cells*. <i>Endocrinology</i> , 1998, 139, 1723-1730.	2.8	22
24	Mel 1a Melatonin Receptor Expression Is Regulated by Protein Kinase C and an Additional Pathway Addressed by the Protein Kinase C Inhibitor Ro 318220 in Ovine Pars Tuberalis Cells*. <i>Endocrinology</i> , 1998, 139, 163-171.	2.8	18
25	Disruption of an enhancer associated with addictive behaviour within the cannabinoid receptor-1 gene suggests a possible role in alcohol intake, cannabinoid response and anxiety-related behaviour. <i>Psychoneuroendocrinology</i> , 2019, 109, 104407.	2.7	17
26	Hypothalamic over-expression of VGF in the Siberian hamster increases energy expenditure and reduces body weight gain. <i>PLoS ONE</i> , 2017, 12, e0172724.	2.5	17
27	Gene expression analysis and microdialysis suggest hypothalamic triiodothyronine (T3) gates daily torpor in Djungarian hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 857-868.	1.5	16
28	Effect of Exercise on Photoperiod-Regulated Hypothalamic Gene Expression and Peripheral Hormones in the Seasonal Dwarf Hamster <i>Phodopus sungorus</i> . <i>PLoS ONE</i> , 2014, 9, e90253.	2.5	15
29	The use of a viral 2A sequence for the simultaneous over-expression of both the vgf gene and enhanced green fluorescent protein (eGFP) in vitro and in vivo. <i>Journal of Neuroscience Methods</i> , 2015, 256, 22-29.	2.5	15
30	CRISPR disruption and UK Biobank analysis of a highly conserved polymorphic enhancer suggests a role in male anxiety and ethanol intake. <i>Molecular Psychiatry</i> , 2021, 26, 2263-2276.	7.9	9
31	A Novel Interaction Between Inhibitory Melatonin Receptors and Protein Kinase C-Dependent Signal Transduction in Ovine Pars Tuberalis Cells. <i>Endocrinology</i> , 1998, 139, 1723-1730.	2.8	9